

Material in the Form of Impermeable Films,
inventors Quissetta, Ercoli, 6 pp.

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Ziegler, 18 Jul 1957.

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Sci - Physics
Sep 58

IAC INTERNAL USE ONLY

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Improvements of Thermoplastic Materials,
by Giuseppe Guzzetta, Enio Masoli,
C 129.

ITALIAN, Patent 13,130 (Application).

SLA 60-16771

Sci.
Vol. IV, No 7
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tactic Polypropylene and Polybutene, by
Giuseppe Guzzetta, Ezio Ercoli, 7 pp.

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SLA 60-14305

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Poly- α -Butene Film and Sheeting, by Giuseppe Guzzetta, Ezio Ercoli, 7 pp.

ITALIAN, patent 561458, 8 Oct 1957, by Montecatini, Societa Generale per l'Industria Mineraria e Chimica, Milan and Karl Ziegler, Muelheim, patent application 14825 filed by Montecatini 9 Oct 1956.

RIS rept 96978

Sci - Chem
Sep 59
Vol 2, No 1

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Some Cobalt Complexes Containing Carbon Monoxide and
Aromatic Hydrocarbons, by P. Chini, R. Ercoli.

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pp 1170-1182.

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Bacoli, R. E. Torregrosa,

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pp 552-556.

ATS 247-LJ

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Kinetics of Oxosynthesis, II., by G. Fatta,
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1955, pp 6-38.

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IAC ONLY

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R. Eccles, 1 pp.

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by G. Natta, R. Ercoli, P. Nino, G. Mazzani,
P. Corradini, G. Lutz, G. Moraglio, 31 pp.
F. Danusso,
ITALIAN, Various.

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KINETICS OF THE HYDROCARBOXYLATION OF
OLEFINS. [1963] (39)p. 16 refs.

Order from SLA \$3.60

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SLA TT-65-14054
Trans. of la Chimica e l'Industria (Italy) 1963, v. 42,
no. 6, p. 588-598.

DESCRIPTORS: *Cyclohexenes, *Reaction kinetics,
*Carbon compounds, *Monoxides, Water, Acetones,
Pressure, *Heat of activation, Carbonyl radicals,
Benzoic acids, Cobalt compounds.

The kinetic study of the hydrocarboxylation of cyclo-
hexene with carbon monoxide and water in the liquid
phase under pressure with acetone as solvent and di-
cobalt-octacarbonyl as catalyst gave the following re-
sults: The reaction appears to be of 1/2 order with re-
spect to the olefin and of first order with respect to
(Chemistry-Physical, TT, v. 10, no. 5) (over)

I. Ercoli, R.
II. Signorini, G.
III. Santambrogio, E.

A242693

Office of Technical Services

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Synthesis of Carboxylic Acids by Reaction of
Unsaturated Compounds With Carbon Monoxide
and Water in Presence of Solvents, by R.
Ecoli.

INICE, par, Chemie en Industrie (Amsterdam),
Vol. XXXVII, 1955, pp 1029-1032.

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Pitts., Pa. Tr 208

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Kinetics of the Synthesis of Methyl Esters from
Olefins, Carbon Monoxide, and Methanol, by R.
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Vol XXXVII, 1955, pp 865-871.

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Jun 59

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A Few Reactions of Arene Chrometricarbonyls,
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SLA 59-10425

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OIS 7, 12
Jul 59

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Research on Olefine Carbonylation Hydroformylation,
by R. Ercoli, 7 pp.

ITALIAN, Various.

CIA TDD/XX-5
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Science File - Chemistry

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Ercoli, Raffaele, Santambrogio, Ello, and Casagrande
Giulia Tettamanti.

SYNTHESIS AND PROPERTIES OF TRICOBALT
ENNEACARBONYLMETHANE AND OF DERIVATIVES
REPRESENTED BY $\text{Co}_3(\text{CO})_9\text{CX}$. [1963] 14p. 9 refs.
Order from CTS(Chem) \$16.00 CTS(Chem)-325
subsequent copies \$2.60/ea.

Trans. of [la] Chimica e [l']Industria (Italy) 1962,
v. 44, no. 12, p. 1344-1349.

DESCRIPTORS: *Complex compounds, *Metalorganic
compounds, *Cobalt compounds, *Carbonyl radicals,
Methyl radicals, Halogen compounds, Esters, Syn-
thesis, Chemical properties

(Chemistry--Organic, TT, v. 10, no. 2)

- I. Ercoli, R.
- II. Santambrogio, E.
- III. Casagrande, G. T.
- IV. CTS(Chem)-325
- V. Chemical Translating
Service, Palo Alto,
Calif.

63-17429

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61-10701

Ercoli, Raffaello and Mangini, Angelo.
NEAR ULTRAVIOLET ABSORPTION SPECTRA OF
SOME ARYL CHROMOTRICARBONYLS. [1961] Sp.
4 refs.

Order from SLA m\$1.80, ph\$1.80 61-10701

SLA TT-65-10333

Trans. of la Ricerca Scientifica (Italy) 1958, v. 28,
no. 10, p. 2135-2137.

1. Chromium carbonyls--
Spectra
2. Ultraviolet spectra--
Analysis
- I. Ercoli, R.
- II. Mangini, A.

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The Theoretical Questions of the Cooperatives,
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RFE Hungarian Press Survey
No 1917, 19 Mar 68

F. Erdai

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(NY-2000)

REPORT OF THE PRESIDUM AT THE 1962 GENERAL
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JPRS 15039

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(100-37704)

New Developments, Problems, and Evaluations in
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No 5/6, 1980, pp 202-226.

JTB 6842

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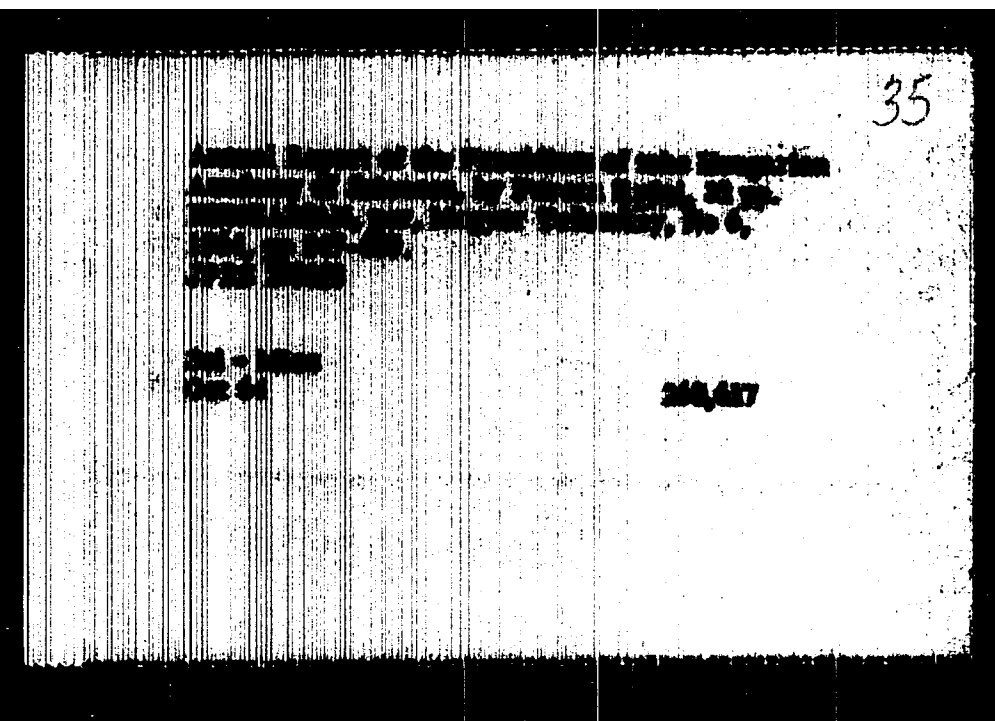
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Erdei, 3 pp.

HUNGARIAN, per, Nepszabadsag, 6 Jan 1962,
p 3.

JPRS 13395

USur - Hungary
Koon
Apr 62

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Free Oscillations in Condenser Circuits With
Periodically Variable Capacity, by A. Erdelyi,
64 pp.

GERMAN, per, Ann Physik, Vol XIX, Apr 1934, pp 585-
622.

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Sci - Electricity, Physics 5-2, 375-

Sep 57

(NY-10)

THE PUBLISHING ACTIVITIES OF THE HUNGARIAN
ACADEMY OF SCIENCES, BY ELEK ERDELYI, 13
PP.

HUNGARIAN, PER, MAGYAR TUDOMANY, VOL VI,
NO 6, 1961, PP 364-367.

JPRS 12814

SCI - MISC
MAR 62

105,004

Erdelyi, Franz.

THREAD ROLLING APPARATUS, tr. by J. B.

9 Nov 60, op. (2 figs. omitted) 2 refs.

Order from LIC or SLA ml\$1.80, ph\$1.80 61-15053

Trans. of German patent 959,999, cl. 7I, gr. 9, International Cl. B 21h, by Wilhelm Fette Co., appl. announced 20 May 54, granting announced 28 Feb 57, pub. 14 Mar 57.

Thread rolling apparatus with a mechanism to vary the distance of the rolls to the center of the workpiece is described in which an elastic member (e.g., a spring) inserted in the power system, allows only a certain maximum pressure of the rolls. The apparatus is characterized in that, on a known thread rolling head for producing outside and inside threads its mutually adjustable rolls pivot on the eccentric parts that carry mating pinions together with an indented, and adjustable disk, which, concentric with the workpiece axis, introduces the working pressure of the rolls into the (Machinery--Manufacturing, TT, v. 5, no. 4) (over)

61-15053

- I. Screw threads--Production
- I. Erdelyi, F.
- II. Patent (Germany) 959 999
- III. Patent Office, Washington, D. C.

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Effects of a Centrifugal Field on the Heat
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Bergius Process, by I. Erdelyi.

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pp. 121-125.

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I. Erdelyi

Sci-Phys
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Panchen Erdeni Chuji-Geltsang, 23 pp.

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pp 3, 4.

JPRS 4904

135, 765

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FE - Tibet

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Reporting on the Work of the Preparatory Committee
for the Tibetan Autonomous Region for 1960 and
Reporting on Its 1960 Tasks. by Panchen
10 pp.

CHINESE, newspaper, Hsi-tung jih-pao, 23 April
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Aymak at the XIVth Congress of the Mongolian
People's Revolutionary Party, 11 pp.

GEORGOVICH, np, Uchen, 7 Jul 1961, p 9.

JPRS 12436

Asia - Mongolia

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Application of Precipitate Exchange Reactions in
Analytical Chemistry, III. Determination of
Sulfate and Sulfide, by Laszlo and Banyai Erdey, Eva.
10 pp.

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422.

BIA 59-10653

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L. Erdey

Examination of Anodically Produced Aluminum-Oxide
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Use of Bromanilic Acid in Analytical Chemistry:
Colorimetry of Calcium With Sodium Bromanilate, by
L. Erdey, L. Jankovits.

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The Industrial Importance of Ascorbismetry, by
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Edey

Full translation.

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1953, pp 356-364.

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16 pp.

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The Determination of Calcium from its
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H. Svehla.

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CHIMIA 3538

Vol. CLIV
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The Examination of Materials by Means of
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AEC tr-3940

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Application of Precipitate Exchange Reaction in
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Sci ~ Chem

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Vol 2, No 1

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Application of Precipitate Exchange Reactions in
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by Laszlo Brday, Eva Bunyai, 17 pp.

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295-408.

SLA 59-10652

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Vol 2, No 1

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Mecanisme de migration des ions hydrogene et hydroxyle - Influence de la composition des melanges ethanol-eau sur les nombres de transport et les mobilités dans les solutions de ClH , KCl , KOH et FK a 5°C et 25°C , by T. Erdely, Cruz, 21 pp.

HUNGARIAN to FRENCH, per, Acta chim Acad Sci hungar, Vol XI, 1959, pp 73-90.

Reverse Translation

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by I. Seday-Gruz & H. Volmer.

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Chemie, Vol. 157, No. 3/4, 1931, pp 165-181.
DESA IT 1-11, 512

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Solutions, by T. Endrey-Gray, T.
Korvathy.

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T. Endrey-Gray

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Sci - Chem
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NATIONAL LONG-RANGE RESEARCH PLAN OF HUNGARY,
BY TIBOR ENDEY-GRUZ, 25 PP.

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ECON,
JUN 62

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The Adsorption of Ethylene on Activated Carbon
Suspended in Water, by Tibor Erdős-Gruz, Ferenc
Nagy, 12 p.

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Vol LXII, pp 395-400.

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(DC-6822)

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Kemiai Tudomanyok Osztalyanak Kozlemenyei, Vol XIV,
No 2, 1960, pp 213-226.

JPRS 6579

Sci - Chem

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TP 828

ERDEY-GRUZ, MAJTHENYI

On the mechanism of migration of hydrogen and hydroxyl ions.
Effect of composition of mixtures of ethanol and water on the
transference number and ions mobilities of dissolved Hcl KOH
KF at 5 and 25°C

Mécanisme de migration des ions hydrogène et hydroxyle. In-
cidence de la composition de mélanges d'alcool éthylique et
d'eau sur le nombre de migrations et la mobilité des ions de
Hcl KOH KF dissous à 5 et 25°C

Acta Chim. Acad. Sc. Hungar., No. 20, 73-90 (1959)

Commissariat à l'Energie Atomique, Saclay- French

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Oscillographic Analysis - Possibility of a Method
of Examining Surfaces, by Tibor Erdey-Gruz,
10 pp UNCLASSIFIED

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Scientific - ~~Electronics~~ Chemistry

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Bleaching of Fat Acids With Bleaching Earth,
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Vol XXXVIII, 1941, pp 360, 361.

SLA 60-10524

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49 pp.

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No 2, 1929, pp 454-479.

NIH 3-25-60

Sci - Med

May 60

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Some Recent Advances in Vascular Pathology, by
J. Erdheim, 18 pp.

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Sci - Med

Mar 60

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Chemical Analysis of the Caries Material of Human
Teeth, by Dr Erdl, 5 pp.

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Scientific - Chemistry Jul 53 CTS/DEX

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Discrimination of a Useful Signal by the Auditory
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PP

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JPRS 41975

KURT ERDMANN

EE-East Germany

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Arlovchenko, G. M. Erdman, 5 pp.

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Sci - Medicine
Oct 57

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Erdmann, Carl Christian.
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Order from L.C. or S.L.A. mi\$1.80 ph\$1.80 51-10072

Trans. of German patent 626,970. 23 July 31.

61-10072

1. Wire--Coatings
 2. Wire--Insulation
 3. Enamel coatings--
Applications
- I. Erdmann, C. C.
 - II. Patent (Germany) 626,970

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(Unannounced)

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Erdmann, H.
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Sep 60. (1961) 7 p. 2 refs.
Order from SLA \$1.10

61-20084

Trans. of ATZ [Automobiltechnische Zeitschrift]
(Germany) 1960, v. 62, no. 12, p. 325-326.

DESCRIPTORS: *Exhaust gases, *Toxicity, Poisonous
gases, *Vehicles, *Contamination, Atmosphere, *In-
ternal combustion engines, *Carbon compounds,
*Motorcycles, *Diesel engines, Public health, Fuels,
Gasoline, Fuel oil, Smokes.

I. Erdmann, H.
II. Title: Non-contamination...

197046

(Engineering-Sanitation, TT, v. 7, no. 6)

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by Kurt Erdmann, 43 pp.

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SLP 7 46.30
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Nova Scotia No 192

Scientific - Minerals/Metals

Aug 53 CTS

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A Quick Method of Linear Characteristics
for Axial and Oblique Supersonic Flow
Around Bodies of Revolution With Wing Surfaces.
by Siegfried F. Erdmann, Claus Grawert.
GERMAN, Ver. Zeit. für Flugwissenschaft, No. 8,
1964, pp 201-219. 9698455

Sci-Eng. Sci
May 65

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A New Simple Interferometer For Obtaining Quantita-
tively Evaluable Flow Patterns, by S. F. Erdmann,
62 pp.

GERMAN, per, Applied Scientific Research, Vol BII,
Nov 1953.

NACA TM 1363

Scientific - Physics

Doc 53 CTE

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Erdmann, W. D., Heya, D., and Jungmann, H.
DILATION OF THE ABDOMINAL AORTA AND
DYNAMICS OF THE CIRCULATION. [1961] 7p.
(3 figs. omitted) 5 refs.

Order from SLA \$1.10

62-10711

Trans. of Deutsch[e] Ges[ellschaft] f[ur] Kreis-
laufforschung. Verhandl[ungen] (West Germany)
1956, v. 22, p. 113-117.

DESCRIPTORS: *Aorta, *Blood pressure, *Heart,
Autonomic nervous system, Reaction (Psychology),
*Nerves, Reflexes, Stimulation.

In experiments on anesthetized cats and dogs the
aorta was isolated for brief periods of time (clamped
off) and exposed to artificial pressure variations. It
was shown thereby that cardiac dynamics react to
circulatory relations in the aorta. The adequate
stimulus could not, however, be specifically
(Biological Sciences--Physiology, TT, v. 8, no. 2)
(over)

62-10711

I. Erdmann, W. D.
II. Heya, D.
III. Jungmann, H.

(C: 27747

Office of Technical Services

44
Following Order by Post Control Agents, by
T. B. [illegible]
[illegible] [illegible] [illegible] No 9,
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

Ref - [illegible] & [illegible]
[illegible]

NA.027

Contributions to Study of Work Hardening
and Stress Relief in Aluminum and
Aluminum Alloys, by F. Erdmann-Jesnitzer,
H. Hadamevsky.

GERMAN, per, Aluminium, Vol 35, No 11,
1959, pp 626-632.

NRG/Ref: C-5128

F. ERDMANN-JESNITZER

Sci -
Jul 67

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Hot Shortness and Grain Boundary Structure in
Steel, by F. Krömann-Josnitzer, W. Bernhardt.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXIX,
1958, pp 353-357.

BIBI 3189

Sci - M/M
Jul 63

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The Diffusion Grain Growth of Iron Alloys,
by F. Erdmann-Jeanitzner.
GERMAN. per. Arch. Eisenh. No 24, 1953, pp 215-
228.
*HRS TT 70-57485

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Sol-Int
Aug 70

F. Erdmann-Jeanitzner

Information of Polycrystalline Magnesium, by F.
Edman-Jessitzer, A. Weiss, 9pp

OSMAH, per, Metall, Vol 9, 1955, No 17/18, pp

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SEA TT-6-20565

J. Edman-Jessitzer

Sci - Meta

July 67

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STUDY OF STRUCTURE OF VERY FINE COPPER WIRES WITH 0.15 TO 0.02 mm DIAMETERS. [1962] 6p. (formulae tables figs. refs. omitted).

Order from SLA \$1.10

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Trans. of Metall (West Germany) 1953, v. 7, no. 7/8, p. 250-254.

DESCRIPTORS: *Copper wire, Drawing (Machine processing), Radiography, Crystals, Scattering, Photomicrography, Dies, *Lattices, *Structures, Mathematical analysis.

Texture of very fine copper wires were tested with particular reference to the independence on the degree of drawing. In agreement with previous work of similar nature there is found a double fiber texture with the two preferred positions of the crystallites along (111) and (Metallurgy--Structural, TT, v. 9, no. 2) (over)

62-16988

1. Erdmann-Jesnitzner, R.

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62-18103

Erdmann-Jesnitzer, F. and Jehmlich, G.
THE EFFECTS OF COOLING CONDITIONS UPON
INVERSE SEGREGATION IN ALUMINIUM ALLOYS.
[1962] [19]p. (13 figs. 15 refs. omitted).
Order from SLA \$1.60

62-18103

Trans. of Aluminum (Germany) 1962, v. 38, no. 1,
p. 13-19.

DESCRIPTORS: *Aluminum alloys, *Casting,
Cooling, *Metallic crystals, Separation, Micro-
structure, *Radiography.

The investigational results published heretofore on
the extraneous criteria affecting the order of segre-
gation (difference between concentrations at inner
periphery and the middle) after them either to larger
or smaller values, are presented. The effects of
casting temperature, the thickness of the mould
walls and the mould temperature at a constant pour-
(Metallurgy: Light Metals, TT, v. 8, no. 9) (over)

I. Erdmann-Jesnitzer, F.
II. Jehmlich, G.

0226057

Office of Technical Services

Recherches sur les Alliages Al-Cu au Moyen des
Procedés d'Attaque Colorante, by P. Ehrenmann-Jesnitner,
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GERMAN to FRENCH, per, Metall, 1957, pp 4 1032-1037.

9093398

Reverse Trans

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Salts, Potassium, Sodium, Barium, Lithium, Strontium

The purpose was to find out whether the arc stability
of bare wire of the composition 0.06-0.12%C,
~0.06%Si, ~0.5 to 0.7%Mn, <0.03%P, <0.03%S
could be improved by adding Al to the filler wire
either as an alloying element or as a separate coating,
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